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DOCKET NO.: 3840-005-27

ASSISTANT COMMISSIONER FOR PATENTS
PO BOX 1450
ALEXANDRIA, VA 22313-1450

Re: Serial No.: 10/725,013
Applicant(s): Lakshman R. SEHGAL et al.
Filing Date: December 2, 2003
For: EX VIVO AND IN VIVO EXPRESSION OF THE
THROMBOMODULIN GENE FOR THE TREATMENT OF
CARDIOVASCULAR AND PERIPHERAL VASCULAR DISEASES
Group Art Unit: 1623
Examiner:

SIR:

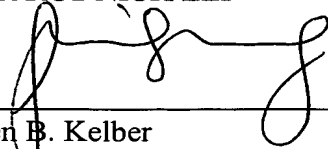
Attached hereto for filing are the following papers:

**INFORMATION DISCLOSURE STATEMENT
LIST OF RELATED CASES
FORM PTO-1449
CITED REFERENCES (2)
INTERNATIONAL SEARCH REPORT (3 PAGES)**

Our check in the amount of \$ 0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

PIPER RUDNICK LLP



Steven B. Kelber
Attorney of Record
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Ping Wang, M.D.
Registration No. 48,328

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Lakshman R. SEHGAL et al.

GROUP ART UNIT: 1623

SERIAL NUMBER: 10/725,013

EXAMINER:

FILED: December 2, 2003

FOR: EX VIVO AND IN VIVO EXPRESSION OF THE THROMBOMODULIN GENE FOR THE TREATMENT OF
CARDIOVASCULAR AND PERIPHERAL VASCULAR DISEASES

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents
PO BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

Applicant(s) wish(es) to disclose the following information.

REFERENCES

- Applicant(s) wish(es) to make of record the documents listed on the attached International Search Report and Form PTO-1449. Copies of the listed documents are attached, where required, as are either statements of relevancy or any readily available full or partial English translations of any non-English-language documents.

RELATED CASES

- Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- without fee and within three months of the filing date of the application.
- without fee and within three months of the date of entry of the U.S. national stage.
- without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- without fee and with the appropriate certification above.
- without fee and with a new CPA application.
- without fee and with a Request for Continued Examination.
- with fee and before the mailing date of any of a Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).
- with fee, appropriate certification above, and before payment of the Issue Fee.

DEPOSIT ACCOUNT

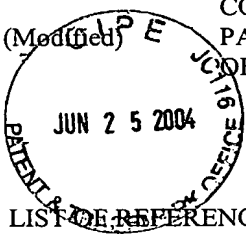
- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

Respectfully submitted,

PIPER RUDNICK LLP

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| Form PTO 1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <div style="text-align: center;">  </div> | | DOCKET NO. 3840-005-27 | | SERIAL NO. 10/725,013 | | | |
| LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary) | | APPLICANT Lakshman R. SEHGAL et al. | | | | | |
| | | FILING DATE December 2, 2003 | | GROUP ART UNIT 1623 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | AA | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | | TRANSLATION YES NO | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AG | T. KON et al., "Bone Morphogenetic Protein-2-Stimulates Differentiation of Cultured Spinal Ligament Cells from Patients with Ossification of the Posterior Longitudinal Ligament," Calcif. Tissue Int. (1997) 60:291-6 | | | | | |
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| EXAMINER | | | | | DATE CONSIDERED | | |
| *EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | | |



DOCKET NO.: 3840-005-27

LIST OF RELATED CASES

| Docket Number | Serial or Patent Number | Filing or Issue Date | Status |
|------------------|-------------------------|----------------------|---------|
| 3840-002-27 PROV | 60/430,099 | DECEMBER 2, 2002 | EXPIRED |
| 3840-003-27 PROV | 60/449,408 | FEBRUARY 25, 2003 | EXPIRED |
| *3840-005-27 | 10/725,013 | DECEMBER 2, 2003 | PENDING |
| 3840-006-27 | 10/785,156 | FEBRUARY 25, 2004 | PENDING |

The cases listed on this Notice of Related Cases include cases which may contain information that is material to patentability. The listing of a case on this Notice should not be taken as an indication or admission that any information contained therein is material. Prior art for each case listed on this Notice may have been cited. **The files corresponding to the listed cases, which are available to the Examiner, may not have not been examined to ascertain the materiality of any prior art therein.** Accordingly, the Examiner is requested to review the file for each case listed on this Notice in order to assess the materiality of such prior art.

*Present application; listed for information.